

IMPORTANT!

For all technical support issues, or if anything is missing from the Package Contents listed in this user guide, please call ViewSonic before returning the product. See the Customer Support table in this guide.

ViewSonic®

Tablet PC V1100



User Guide

*Microsoft® Windows XP
Tablet PC Edition*

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For Your Records

Product Name:	ViewSonic Tablet PC V1100	
Model Number:	VSMW24888-1W	
Document Number:	A-CD-TPC V1100-1 UG	2-10-03
Serial Number:	_____	
Purchase Date:		

Product Disposal at End of Product Life

ViewSonic is concerned about the preservation of our environment. Please dispose of this product properly at the end of its useful life. Your local waste disposal company may provide information about proper disposal.

Getting Started

Congratulations on your purchase of a ViewSonic Tablet PC V1100. The V1100 is a fully functional PC with built-in WAN, LAN, and Wi-Fi™ wireless connectivity. With your V1100 you will be able to organize and access important business and personal information. In addition, you will be able to send and receive e-mail and access the Internet.

This user guide will help you set up your V1100 and introduce you to its many features.

Important! Save the original box and all packing material for future shipping.

Package contents

If anything is missing in your Package Contents from the list below, or if you have any technical support issues, contact ViewSonic before returning the product. See the Customer Support table in this guide.

- Tablet PC V1100
- Stylus
- Power Cord
- Slip Case
- Mini USB Keyboard
- User Guide on C:\Tablet_PC\UG
- PS/2 to USB cable
- Tablet PC V1100 Standard Battery
- Stylus Tether
- Power Adapter
- Mini VGA Adapter
- Recovery CD
- V1100 Quick Start Guide

Accessories

The Tablet PC V1100 offers a host of optional accessories to improve its use including the following:

- Tablet PC Dock
- Battery Charger
- Rugged Carrying Case
- Additional Battery (Standard and Extended)
- Stylus
- Protective Grips
- AC Adapter and Power Cords

For more information or to purchase accessories, go to the web site for ViewSonic listed in the Customer Support table in this user guide and click on Accessories.

Precautions

- For best viewing conditions view the screen from a distance of 15" to 18".
 - **DON'T TOUCH THE SCREEN WITH YOUR FINGERS.** Oils from the skin are difficult to remove.
 - **NEVER REMOVE THE REAR COVER.** Your V1100 contains high voltage parts. You may suffer serious injury if you touch these parts.
 - Avoid exposing the screen to direct sunlight or another heat source. The screen should be facing away from direct sunlight to reduce glare.
 - Always handle your V1100 with care; dropping your V1100 could void the warranty.
 - Do not operate your V1100 outside in a wet, damp or extremely cold environment.
 - Do not place heavy objects on the screen, video cable, or power cord.
 - If smoke, abnormal noise, or strange odor is present, immediately switch the V1100 off and call your dealer or ViewSonic.
 - Use only the AC/DC power adapter supplied with your V1100.
-

Using your V1100 for the first time

To get started with your V1100, do the following:

- 1** Connect the V1100 to the AC Adapter as shown in the Quick Start Guide. For more information, see the *Basic Setup* section in this user guide.
- 2** Make sure the V1100 is turned off and the battery is attached to the Tablet PC. The battery takes up to 2.5 hours maximum to charge the first time. Once the battery is fully charged, the battery charges as you use the V1100. However, this is not recommended. For more information, see the *Battery Power and Management* section and *Connecting the Battery Pack*.
- 3** To familiarize yourself with the features and parts of the V1100, see the *V1100 Features* section.
- 4** For more information on using the V1100, go to Microsoft Help, or the Tutorials: click on *Start > All Programs > Get Going with Tablet PC*.
- 5** To see the User Guide, go to your hard drive on C:\Tablet_PC\UG.

V1100 Features

Software Included

- Windows® XP Tablet PC Edition which includes:
 - Microsoft® Internet Explorer
 - Microsoft Outlook Express
 - Microsoft Windows Media Player
- Adobe Acrobat Reader
- Microsoft eBook Reader
- Citrix® ICA® Client

Performance Features

High Performance Processor

The V1100 is equipped with 866 MHz Intel® Pentium III mobile processor.

Large Hard Drive

The V1100 is equipped with 20 GB hard drive.

Advanced Graphic Engine

The V1100 comes with an integrated AGP-bus 2D/3D video processor for high performance graphics. The video chip also incorporates a hardware-accelerated playback feature which gives you smooth MPEG video. A 3D graphics capability also adds realism to PC games.

Expandability

The system offers one SDRAM slot for expansion (up to 512 MB), allowing users to easily increase the system's capacity as the need arises.

Bright LCD Touch-screen Display

The system is equipped with 10.4-inch TFT XVGA touch-screen display panel for clear text and brilliant colors.

Portrait Mode or Landscape Mode

The V1100 can be used in either Portrait or Landscape mode.

Audio Capability

The system is equipped with internal audio record and playback functions, including 3D (three-dimensional) audio, 64-voice DirectSound channel support, and built-in hardware wave-table.

Wireless LAN, Fast Ethernet and Modem Connectivity

For network access capability, the V1100 provides a built-in 802.11b Wi-Fi LAN adapter, a Fast Ethernet adapter, and a 56K modem.

802.11b Internal Antenna

The built-in 802.11b wireless LAN antenna is used to transmit and receive data from an 802.11b access point.

Additional Expansion and Connectivity

The V1100 offers a full array of I/O ports including two Universal Serial Bus (USB) ports, microphone and audio out jacks, external VGA port, FireWire port, and a 28-pin connector for the optional Tablet PC Dock. The V1100 also includes a Type II PC Card slot (PCMCIA v2.1), Compact Flash, and CF Card Slot for additional expansion.

Basic Setup

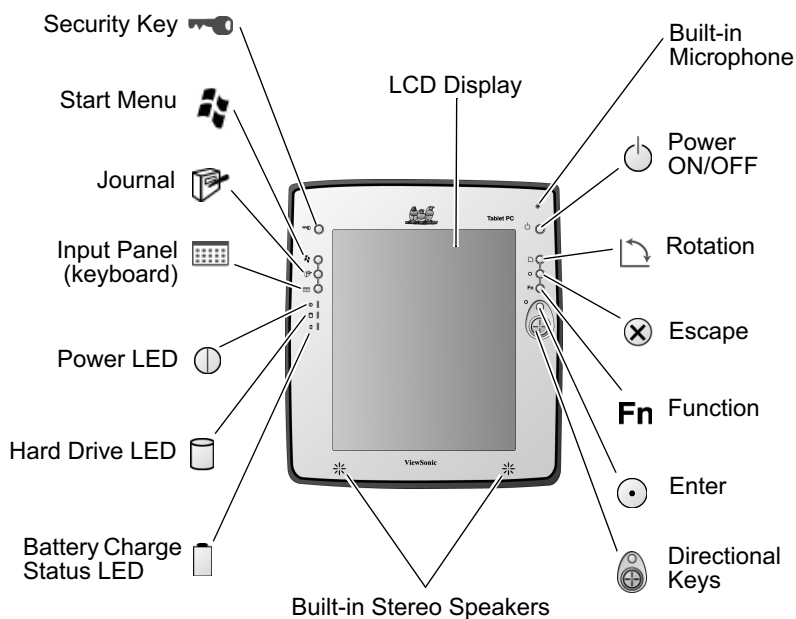


Figure 1: The Front View

LCD Display

The V1100 is equipped with a 10.4" touch-screen XGA TFT display.

Built-in Microphone

The built-in microphone enables you to record sound and to use speech-enabled applications.

Power On/Off Button

The Power On/Off button turns the system on and goes into standby automatically if the unit has been sitting unused for a while. Press momentarily to turn on the system or to exit from standby. Press and hold for at least 3-4 seconds to turn off the system. These settings can be changed. For more information, see the *Windows XP Power Management* section in this user guide.

Rotation Button

Automatically changes position of the screen to either portrait or landscape.

Escape Button	Same function as on a standard keyboard.
Function Button	Access to secondary operation of some buttons on the front bezel (shown in the illustration above), user setup.
Enter Button	Same function as on a standard keyboard.
Directional Keys	Cursor up, down, right, left.
Security Key Button	Similar function as pressing Ctrl-Alt-Delete on a standard keyboard.
Start Menu Button	Activates the Windows Start menu.
Journal Button	Activates the Journal feature.
Input Panel Button	Activates the input panel for handwriting or the soft keyboard on-screen for keyboard entry using the stylus.
Power LED	Lights green when ON and blinks green in Stand By.
Hard Drive LED	Light blinks green when hard drive is reading or writing.
Battery Charge LED	Light is red when charging and turns off when fully charged.
Built-in Speakers	The built-in speakers provide stereo sound.

Back, Top, and Side Features

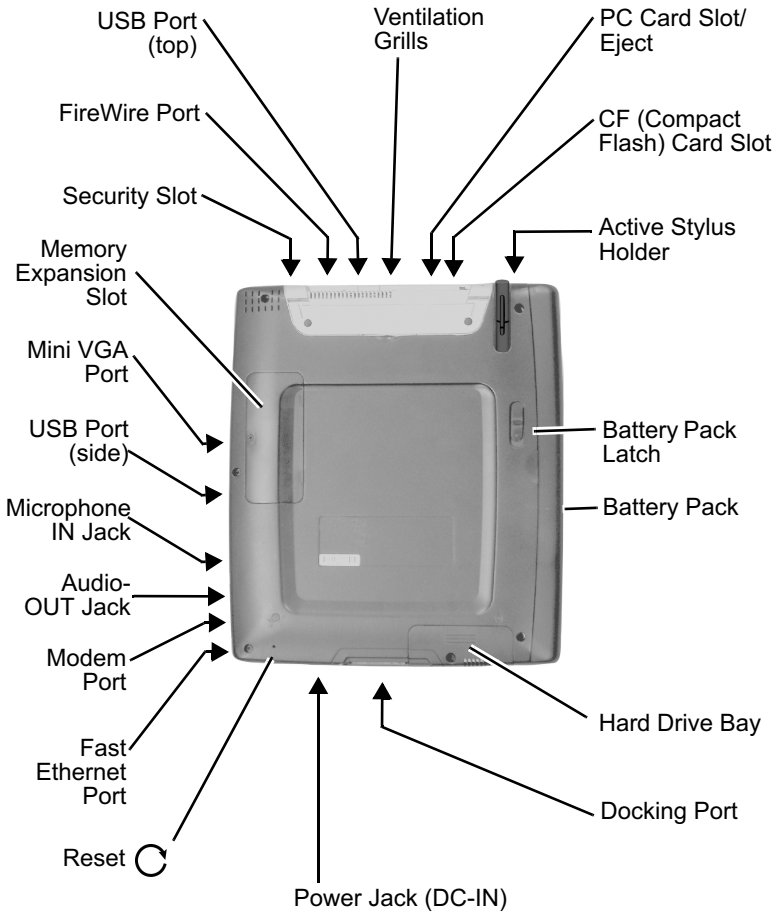


Figure 2: The Back View

Security Slot

Allows you to secure your Tablet PC to prevent theft.

FireWire Port

The IEEE 1394 firewire port enables connection to a wide variety of devices with 1394 Plug & Play standards.

USB Ports (2)

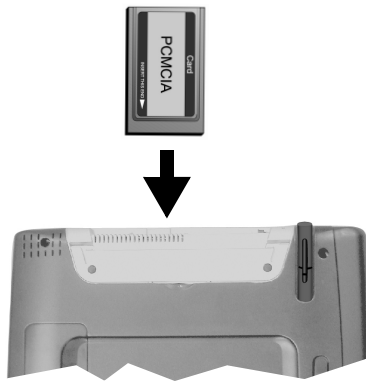
The two Universal Serial Bus (USB) ports enable the V1100 to connect to a wide variety of USB devices. These ports conform to USB v1.1 plug-and-play standards.

Ventilation Grills

These grills allow cooling air to circulate through the heat regulation system.

PC Card Slot (PCMCIA) and Card Eject Button

Insert a PC Card (PCMCIA) in the PC Card Slot as shown below until it snaps into place. Press the eject button to release the card.



CF (Compact Flash) Card Slot

Accepts devices that are designed to use the CF card interface. Insert a CF card in the CF Card Slot as shown below until it snaps into place. Press the eject button to release the card.



Active Stylus

An active stylus has been engineered to work with the digitizer screen. Tap or double-tap the stylus on an application icon to draw in a graphics application, to

select items in a menu, or to select letters and numbers on the virtual keyboard.

Battery Pack Latch

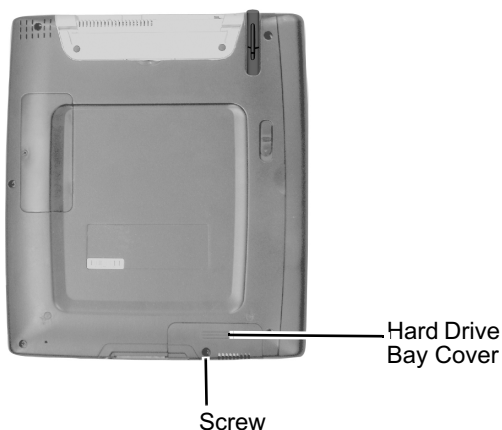
Releases the battery pack. For more information, go to the section *Removing the Battery Pack* in this user guide.

Battery Pack

The battery pack is a built-in power source for the V1100. For more information, see the section on *Battery Power and Management* in this user guide.

Hard Drive Bay

You can replace the hard drive (HD). To replace the HD remove the Screw and the HD Bay Cover shown below. Pull on the plastic tape of the current hard drive. Remove the adapter. The adapter (extended IDE connector) is keyed to match the pins of the HD. Put the adapter on your new HD. Carefully place your new HD with adapter in the HD Bay.



Docking Port

The docking port allows the V1100 to connect to an optional Tablet PC Dock. For more information, go the ViewSonic web site listed in the *Customer Support* table in this user guide. Then click on Accessories.

Power Jack (DC-IN)

The AC Adapter supplies power to the V1100 and charges the battery automatically at the same time. When used, the AC Adapter connects to the DC-in.

Memory Expansion Slot

Single SODIMM slot for up to 512 MB Module.

Mini-VGA Port

Analog VGA output port connects your V1100 to an external monitor or projector.

Audio-out Jack

You can connect stereo headphones or external speakers to the Audio-out jack.

Microphone IN Jack	Connect a microphone to the Microphone IN Jack.
Modem Port	The RJ-11 modem port enables you to connect into an external phone jack for fax and modem functions using a standard phone cable. The built-in 56 Kbps modem is V.90 compatible.
Fast Ethernet Port	The Fast Ethernet port enables you to connect to a network hub via a RJ-45 cable. The Fast Ethernet port conforms to 100BASE-TX transmission protocol.
Reset Button	System Reset.

AC Adapter

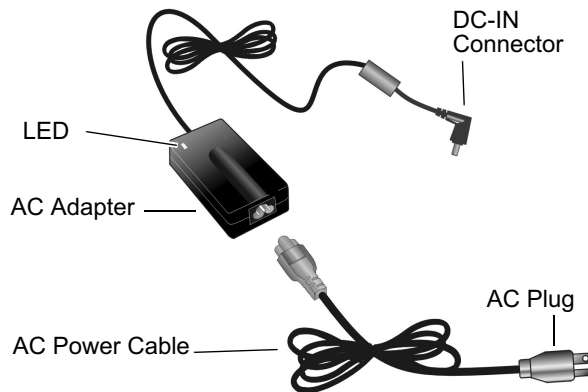


Figure 3: The AC Adapter

DC-IN Connector	The DC-in connector inserts into the power jack on the V1100.
LED	The LED light on the top of the adapter appears green when the V1100 is plugged into an AC power source.
AC Adapter	The adapter converts alternating current (AC) into direct current (DC) for the V1100.
AC Plug	The three-prong AC plug plugs into an AC wall outlet.

LED Status Indicators

The LED Status Indicators on the top of the V1100 display the operating status of your V1100. The V1100 LED status indicators include:

The Power Indicator LED

- Green Light - indicates that the unit is ON.
- Light Off - indicates that the unit is OFF.

The Hard Drive (HDD) Access LED

- Flashing Green - indicates that the hard drive is being accessed.

The Battery Charge Indicator LED

- Red - indicates that the V1100 is charging.
- Off - indicates that the battery is charged.

Display

Your V1100 uses a high performance 10.4-inch active matrix TFT panel that will display millions of colors at 1024 x 768 resolution.

Caution: Do not place heavy objects on the LCD panel. Doing so may damage the display.

Extending the Life of the TFT Display Device

Observe the following guidelines to maximize the life of the display.

- 1** Set the Brightness to the lowest comfortable setting.
- 2** When working at your desk, connect your V1100 to an external monitor and disable the internal display.
- 3** If you are using AC power and have no external monitor attached, change to Suspend Mode when not in use.

Adjusting the Display Brightness

To adjust the brightness of the display click *Start > Control Panel* - switch to *Classic View* shown in the next section of this user guide > click *Tablet & Pen Settings > Display*. Move the slider bar located under *Screen Brightness*.

XP Control Panels

Your V1100 running on XP has two ways to view the Control Panel as shown below: the *Category View* and the *Classic View*.

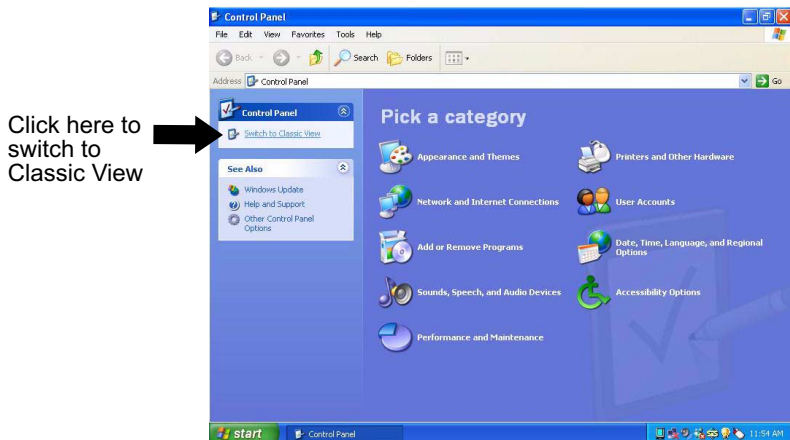


Figure 4: Category View

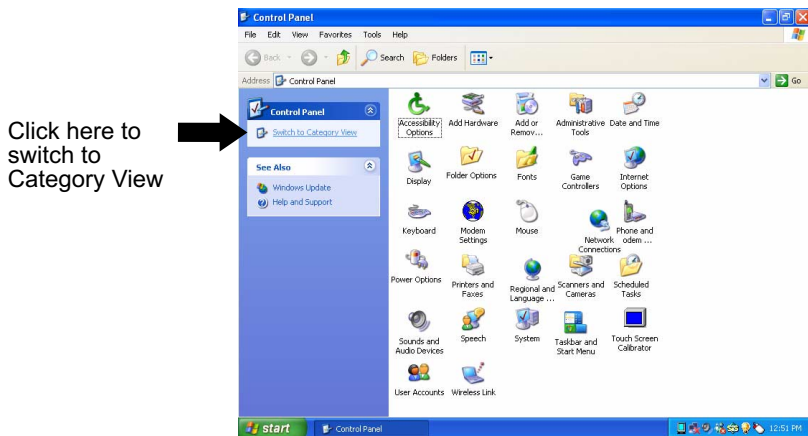


Figure 5: Classic View

Audio Features

There are several ways to adjust Windows® audio features: from the speaker symbol in the task bar or from the control panel shown on the next page.

From the speaker symbol in the task bar

Do one of the following:

- 1 Click once on the speaker symbol (Volume) in the Windows task bar as shown below. A Volume control screen with a slider bar appears. Press and move the slider bar up to raise or down to lower the volume. Click Mute to temporarily silence the speaker without changing the volume setting.

Note: to add the speaker symbol to the task bar, see the next page.

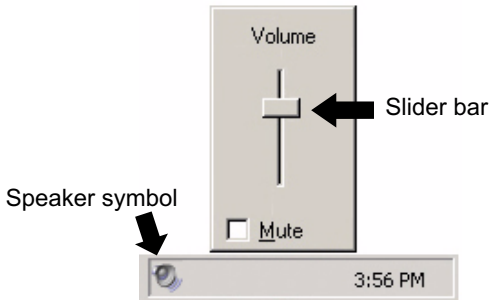
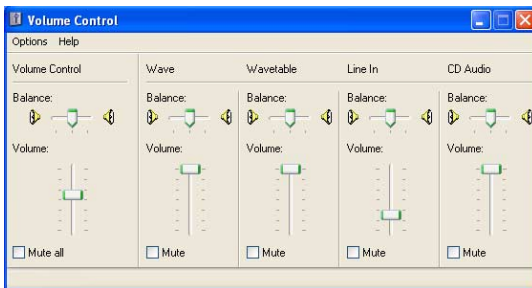


Figure 6: The Speaker Symbol

- 2 Double-click the speaker symbol (Volume) in the task bar. A Volume Control screen appears as shown below with more control options, including Volume Control, Wave, Wavetable, Line In, and CD Audio.

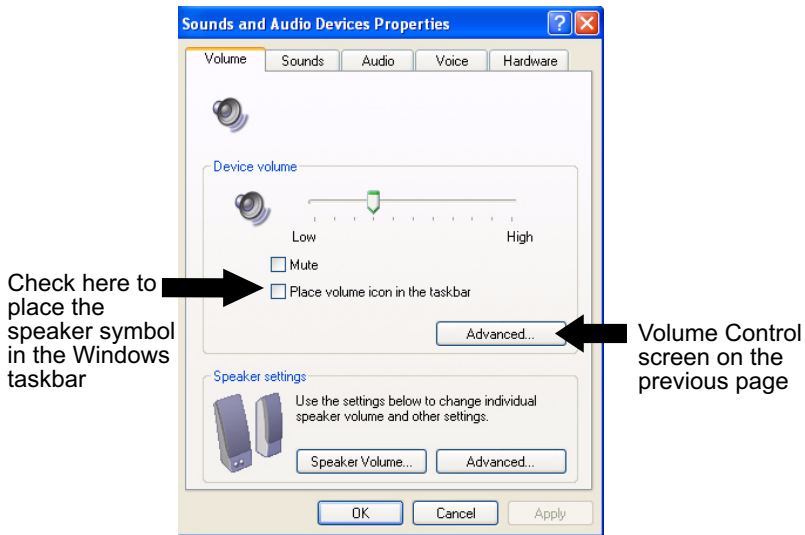


Press and move the slider bar up or down for the control(s) of your choice. You can also adjust the Balance between speakers in each control option. Check Mute All or Mute individual volume control(s) to temporarily silence the speakers without changing the volume setting.

From the Control Panel

Do one of the following:

- 1 Click the Windows® *Start* button. Double-click the *Control Panel* > double-click *Sounds and Audio Devices*. The screen below appears. If the Sounds and Audio Devices icon doesn't appear, go to step 2.
- 2 Switch to *Category View* under *Control Panel* and click *Sounds, Speech and Audio Devices*. Click *Sounds and Audio Devices*. The *Sounds and Audio Devices Properties* screen appears as shown below. Press and move the slider bar left or right to lower or raise the volume.



Voice Recording

When you begin voice recording using the system's built-in microphone, be sure that you are speaking within 8 inches (20 centimeters) of the microphone.

You will need to use audio processing software to enable the built-in microphone: for example, Microsoft Sound Recorder. To access voice recording, click Windows *Start* > *All Programs* > *Accessories* > *Entertainment* > *Sound Recorder*.

Modem

Your V1100 comes equipped with a 56 Kbps V.90 internal fax/modem. This enables you to access networks and to send and receive e-mail through a standard telephone line.

Connecting the Modem

- 1 Plug one end of the phone line into the modem port located on the side of the V1100. See the figure of the *Back View* in this user guide.
- 2 Plug the other end of the line into an analog phone wall outlet.

Warning: The internal modem is intended for use on an analog phone line, also called a POTS (Plain Old Telephone Service) line. This modem cannot be connected directly to a digital telephone line such as those commonly found in a business office. You can obtain an analog converter compatible with your digital phone line.

Fast Ethernet Network Adapter

The V1100 is equipped with a 10/100BASE-T Ethernet network adapter. This allows you to access and transmit data in a local area network.

Connect to the Network

- 1 Connect one end of the network cable into the Fast Ethernet Port (located on the side of the V1100) until the connector snaps securely into the port.
- 2 Connect the other end of the cable to either an Ethernet outlet jack or to an RJ-45 port on a UTP concentrator or hub in the network.

Cabling Restrictions for Networks

The following restrictions should be observed for 100BASE-T networks:

- The maximum cable run length should be 100 meters (328 feet).
- For 100 Mbps operation, use Category 5 wiring and connections. Consult a Windows® manual for the software installation, configuration, and operation of the network.

802.11b Wi-Fi LAN Adapter

Your new V1100 comes with a built-in 802.11b Wireless LAN adapter. This allows you to access and transmit data wirelessly to an 802.11b access point. Consult your network administrator for instructions on connecting your wireless 802.11b adapter to the network.

Battery Power and Management

The LCD display, central processor, and hard disk drive are the major power consumers. An understanding of power management can help you work longer sessions before having to recharge the battery.

The Lithium-Ion Battery

Your V1100 uses a removable four (4) -cell Lithium-Ion battery pack that provides power when you don't have access to an AC outlet.

Handling Tips

- Do not touch the metal ends of the battery connector.
- Do not expose battery packs to temperatures below 32 degrees Fahrenheit (0 degree Celsius) or above 140 degrees Fahrenheit (60 degrees Celsius). Doing so may adversely affect the battery pack.

Charging the Battery and Charging Time

Before using the V1100 for the first time, leave the unit turned off while charging the battery fully for up to 2.5 hours maximum.

Caution: Failure to fully charge the battery before using the V1100 may adversely impact the battery's overall life.

With the battery pack connected to the V1100, plug the AC adapter into the V1100 and into an electrical outlet as shown in the Quick Start Guide.

The battery continues to charge while you use the V1100 if the unit is plugged into an AC outlet. When the battery is fully charged, the battery charge indicator is off.

IMPORTANT: Be sure to reserve adequate charge time before traveling.

Checking the Battery Level

You can check the remaining battery power in the Windows® battery status indicator located at the lower right-hand corner of the task tray. The Battery Status icon only appears in the task tray while the unit is running on battery power but not while the unit is running off an external power source through the AC Adapter.

You can also access the power meter by clicking the Power Options icon in the Windows Control Panel.

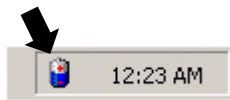


Figure 7: The Battery Power Indicator

Prolonging the Battery's Life and Usage Cycles

There are ways to prolong the useful life of the battery.

- Store the battery pack at room temperature. Higher temperatures tend to deplete battery power at a faster rate.
- Make good use of the power management function. Save To Disk saves the most energy by storing current system contents in a hard disk space reserved for this function.
- Disable the parallel and serial ports if no devices are attached.
- Eject any PC Card from the card slot when not in use. Even when an inserted PC Card is not in operation, it still draws a small amount of power.

Battery Warning

Low Battery Warning

The Low Battery condition occurs when battery power falls to 6%. At this point, the green power LED indicator blinks and the system beeps once every 16 seconds.

Very Low Battery Warning

The Very Low Battery condition occurs at 3% power. The power LED indicator blinks and the system beeps at 4-second intervals.

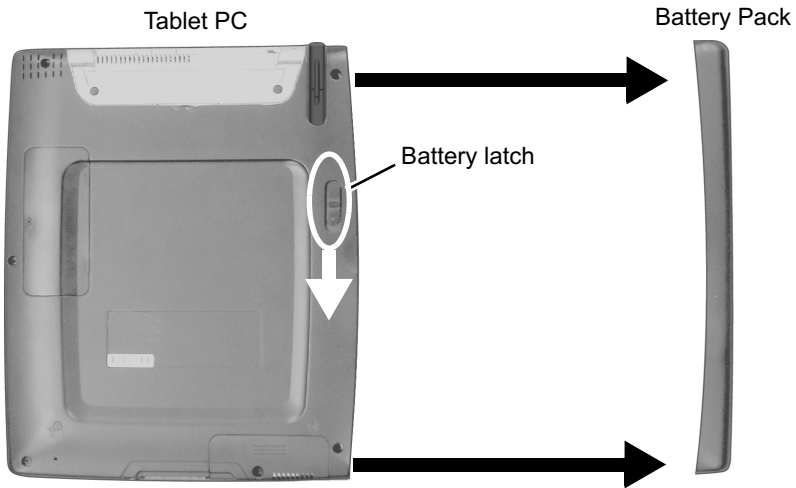
When the V1100 warns of its low battery condition, you have about 5-10 minutes to save your current work.

Note: In the Stand By suspend mode, a fully charged battery loses its power in roughly 3 days or 72 hours. When kept in storage, the battery's power will deplete in 1 - 2 months.

Removing the Battery Pack

To remove the Battery Pack

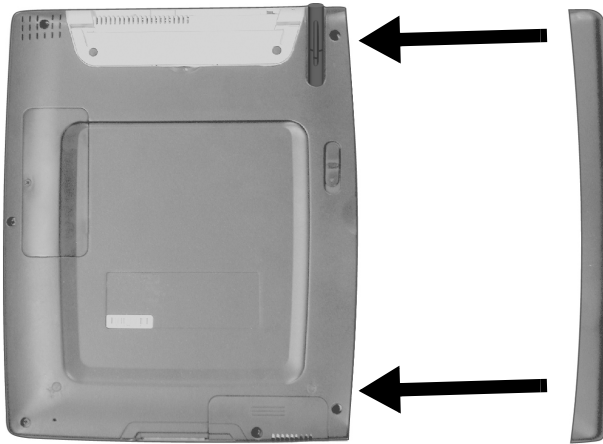
- 1 Lay the Tablet PC face down on a soft flat surface such as a towel on a table top. **CAUTION:** Do not scratch the LCD display screen.
- 2 Press down on the Battery Latch as shown below and gently pull the Battery Pack away from the Tablet PC.



Connecting the Battery Pack

To connect the Battery Pack

- 1 Place the Tablet PC face down on a secure flat surface.
- 2 Carefully align the Battery Pack with the right side of the Tablet PC and slide to the left until it clicks/locks into place.



Windows XP Power Management

In addition to the V1100's built-in power management BIOS utility, Windows® XP also offers a similar power management feature. To access this feature, click the Windows *Start* button > *Control Panel* > *Performance and Maintenance* > *Power Options*. The *Power Options Properties* screen appears as shown below.

The Windows power management allows you to enter time-out values for the display and hard disk. You can also have your V1100 automatically enter a standby mode or shut itself down in the event of low or critical battery power. For more information on the power saving features, consult the Windows manual or on-line help.

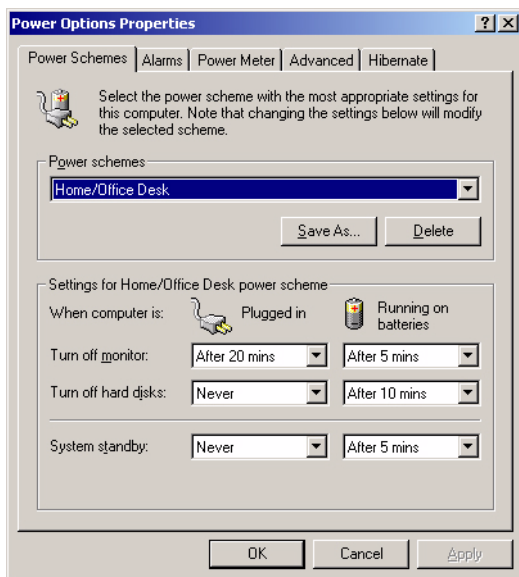


Figure 8: The Power Options Properties Panel

Note: The V1100's BIOS supports Windows APM and ACPI modes. This illustration shows the Windows ACPI dialogue box. Consult a Windows manual on how to use Windows ACPI settings or for more information on how to use the Windows power management functions.

Power Saving Options

When battery power reaches critical low (3% remaining), the system enters either one of the two power saving modes:

- Stand By mode
- Hibernate Mode - Save To Disk

Stand By Mode

In Stand By mode, hardware devices, such as display panel and hard disk, are turned off to conserve energy. Click *Start* > select *Turn Off Computer* > click *Stand By*. To use the V1100 again, press the Power On button.

Save To Disk - Hibernate Mode

In this mode, all system data is saved to the hard disk before powering down. When in the hibernate mode, very little power is drawn from the battery.

The amount of time the system requires to restore all its previous contents depends on how much RAM has been installed on your V1100. Restoration times can range from 5 to 20 seconds.

To enable the hibernation function, click *Start* > *Control Panel* > *Performance and Maintenance* > *Power Options* > *Hibernate Option* > *OK* under the *Enable Hibernation* option.

The Power On/Power Management Button

The V1100 power On/Off button serves two functions: to turn the unit on and to put the unit in Stand By (system power management). To turn the V1100 on, press the power On button.

To put the V1100 in Stand By (also called deep sleep) with a flashing green Power LED do one of the following:

- Tap the power button. If the On button is not set up to Stand By, click the Windows *Start* button > *Control Panel* > *Power Options* > *Advanced*. Under the Running on batteries column, select the time you want before the unit goes into Stand By: power LED is flashing green. Or,
- Click *Start* > *Turn Off Computer* > *Stand By*.

To wake up the system from Stand By/deep sleep (black screen with a steady green power LED), press the Power On button.

Bridge Battery Feature

You can change battery packs on the V1100 without shutting the unit off and preserving the current date. Place the system on Stand By (*Start > Off > Stand By*). Make sure that the Power LED is blinking. You can now replace the battery pack without losing any data.

IMPORTANT: You only have five (5) minutes to change the battery pack.

Using Software

The V1100 has many unique capabilities including a touch sensitive screen, virtual keyboard, and screen pivoting. Some of these features may require you to perform a one-time setup to enable them to work properly.

Touch Screen Calibration

Although your touch screen is already factory-calibrated, there may be times when the V1100 screen will need to be recalibrated for higher accuracy.

The touch screen is a thin membrane on top of the LCD display that responds to mechanical pressure on the screen's surface. The cursor on the screen is controlled using the stylus. If you notice the stylus tip touch-point not matching up with the cursor, you can recalibrate the touch screen.

Calibrating the Touch Screen

- 1 Click the Windows *Start* button > *Control Panel* > *Switch to Classic View* > *Tablet and Pen Settings*. Under the *Settings* tab, click *Calibrate* and follow the on-screen instructions shown below.

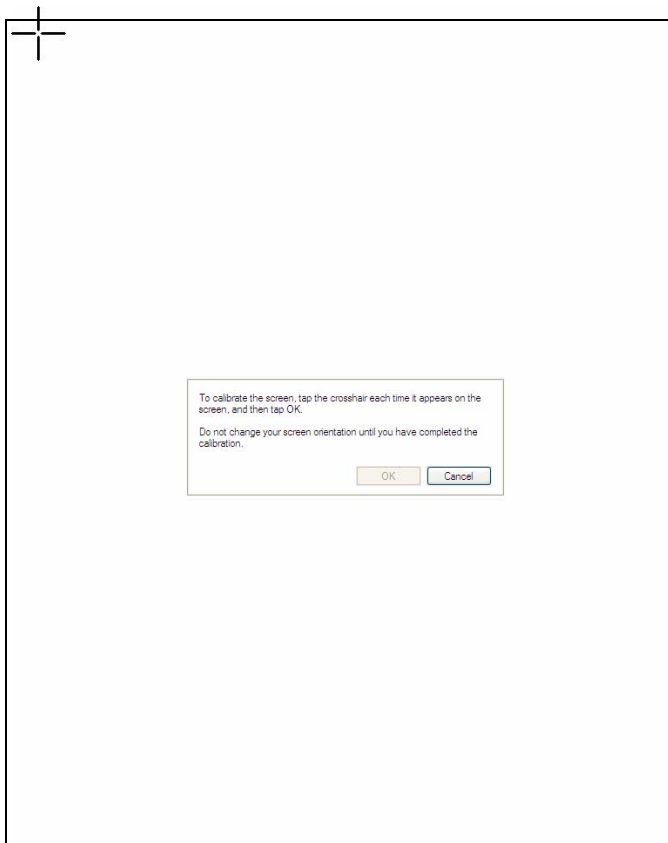


Figure 9: The Touch Screen Calibrator Screen

- 2 Click the stylus in the middle of the crosshairs. The wheel moves to another location on-screen.
- 3 Click the stylus in the middle of the crosshairs again. Repeat this exercise several times until the screen returns to the Calibration Applet.
- 4 Click *OK*. The recalibration takes place immediately upon exiting the application. No need to restart the V1100.

Screen Rotation

To rotate the screen from Portrait to Landscape mode or vice versa, press the Rotate button on the front of the Tablet PC. See the Front View shown earlier in this user guide.

Standby Resume Security

If you enable the Windows® Standby Resume Security function, you will be prompted to enter a password via a mechanical keyboard after the computer wakes up from the suspend state.

Disabling the Password Prompt

- 1 Go to *Start > Control Panel > Switch to Classic View*. Double-click *Power Options* icon. The *Power Options Properties* window opens. Click the *Advanced* tab as shown below.
- 2 Leave the ‘*Prompt for password...*’ field unchecked. Press *OK* to exit.

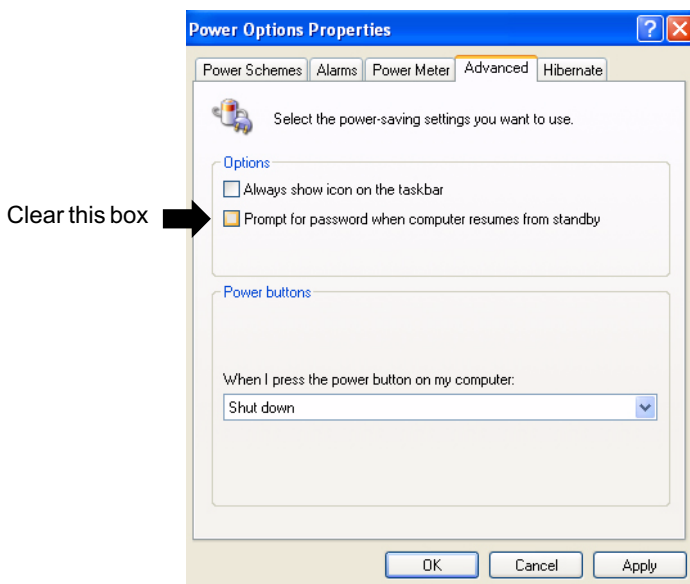


Figure 10: The Power Options Properties Window

Upgrading the Memory

Upgrading the System Memory

Many applications will run faster when the system's memory capacity is increased. The V1100 provides one expansion socket located on the back of the system. The system motherboard is already pre-installed with 256 MB of memory. You can increase memory by adding a Small Outline Dual In-line Memory Module, commonly known as a SODIMM. Module capacity can be 16 MB, 32 MB, 64 MB, 128 MB, 256 MB, or 512 MB.

Note: Your V1100 has been tested with a wide range of memory products on the market. However, not all memory modules are compatible. Go to **www.viewsonic.com** for a list of compatible V1100 modules.

Installing a New Memory Module

Upgrading the V1100 memory is a delicate process. Please observe the following instructions carefully or have a qualified technician install memory for you. Damages due to mishandling during this procedure are NOT covered by the manufacturer's warranty.

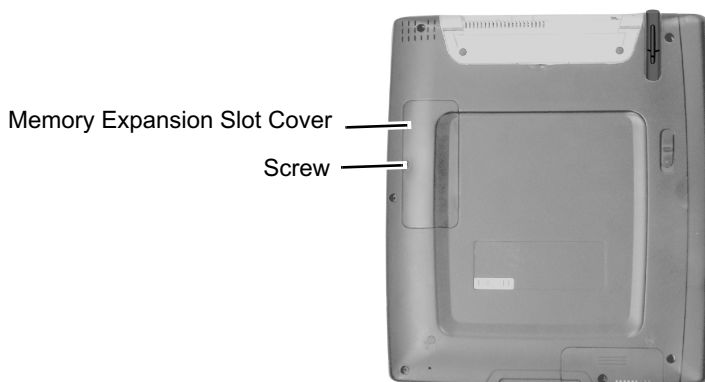
Warning:

- Changing memory while your computer is in suspend mode or in power-saving mode may cause permanent damage to the V1100. Make sure you turn off the power, unplug the AC cord, and remove the battery before proceeding with a memory upgrade.
- Do not touch a memory module's metallic contact edge to avoid possible damage from an electrostatic discharge.

To Install a New Module

- 1 Power OFF the V1100. Unplug the AC cord and all cables/devices attached to the system. Remove the battery pack. For more information, see the section *Removing the Battery Pack*.
- 2 Place your hand on a large metal object momentarily to discharge any static electricity.
- 3 Place the V1100 face-down on a soft flat surface. CAUTION: do not scratch the LCD display screen.

- 4 Locate the memory expansion slot cover on the back of the Tablet PC shown below. Remove the screw. Lift the memory door off the system.



Attention: Notice the notch on the extracted module. The notch's off-center placement allows the module to fit into the socket only in one orientation. The replacement module will be similarly notched to help you place it properly into its slot.

- 5 To install the new module, place it into the memory socket. The module will only fit in one orientation. Insert the module at an angle of approximately 30 degrees into the empty memory socket. Then press it firmly so that the contact edge is driven fully into the receiving socket.

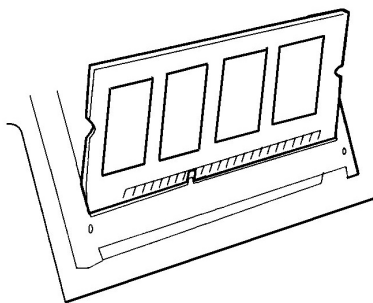


Figure 11: Installing a Memory Module

- 6 Pivot the module until the latches on both sides of the socket snap into place. (You will feel it solidly click into place.)
- 7 Replace the Memory Slot Cover and the Screw. You have now completed the memory upgrade.

Troubleshooting

An Initial Check List

Check out these items first:

- Check to see if the problem persists when all the external devices are removed.
- Check to see that the green light indicator on the AC adapter is lit.
- Check to see that the power cords are completely and firmly plugged to the wall outlet and to the V1100.
- Check to see that the V1100 power indicator is on.
- Check for any incorrect or loose cable connections. Make sure the latches on the connectors catch securely at their receptacles.
- If an external device such as a USB CD-ROM drive, scanner, or printer does not function correctly when connected, there might be a problem with the device. Consult the device's manufacturer first.
- Some software issues may be resolved by contacting the software vendor directly.
- Not all peripherals are plug-and-play. You may need to restart the system with these devices powered up and connected beforehand.

System Recovery

- 1** Plug in an external USB keyboard. If you need to recover your operating system, reboot or turn on your V1100. The ViewSonic bird logo appears momentarily.
- 2** After the bird logo disappears and the screen is blank, press F10 several times until the system recovery process initiates. Follow the on-screen instructions.

Audio Problems

Speaker - no output

- The Audio-output may have been set to mute. Double-click the speaker icon in the task tray to see if the speaker has been muted.
- Most audio problems are software-related.

Sound cannot be recorded

Check the Mute Setting - Double-click the speaker icon on the lower right corner of the task tray to see if the microphone might have been muted.

- 1 From the *Volume Control* screen, click *Options* and select *Properties*.
- 2 Select *Recording* and click *OK*.
- 3 After clicking the *OK* button, the recording volume control panel appears. Review the settings to make sure that the Mute option has not been selected.

Hard Disk Problems

Spin

If hard disk drive does not spin it may need to be serviced or replaced:

- Check the hard disk indicator LED to confirm a lack of spinning. Open a file. The LED lamp should light up momentarily as a file is accessed. If the file does not open and the light LED does not light, there may be a hard disk spin problem.
- Recall if your V1100 has been subjected to static electricity or physical shock. If so, you may have damaged the disk drive.

Abnormal Sounds

If the hard drive is making abnormal whining noises:

- Back up your files as soon as possible.
- Make sure the source of noise is indeed from the hard drive, not from some other source.

Drive is Full

If the hard disk drive has reached its capacity:

- Archive files or programs that you no longer use by moving them to an alternate storage medium (floppy disk, optical recordable disk, tape, etc.) or uninstall programs that are no longer used.
- Many browsers store files on the hard drive as a cache to speed up the performance. Check the program's Online Help for instructions on decreasing the cache size or on removing temporary Internet files.
- Empty the Recycle Bin frequently to maintain the availability of usable disk space. When you move files to the Recycle Bin, Windows® does not actually delete them until you act to empty the bin. To delete the files in the Recycle Bin, double-click the desktop *Recycle Bin* icon > *File* > *Empty Recycle Bin*.

Drive is Slow

If the hard disk takes longer to read a file:

If you have been using the drive for a long time, the files may become fragmented. To correct potential file fragmentation, go to *Start* > *All Programs* > *Accessories* > *System Tools* > *Disk Defragmenter* to perform a disk defragmentation.

Display Problems

Blank (Black) Screen

If the display panel remains blank (black) when the system is turned on:

Make sure the V1100 is not in the power saving mode (Stand By). In these modes, the display is turned off to conserve energy but not the system. A steady green Power LED shows that the system is on but the display is in stand by.

To wake up the system, press the power button. For more information, see *The Power On/Power Management Button* section.

Screen is Difficult to Read

The display resolution should be set to 800 x 600 for optimal viewing. If an external monitor is connected, you can change the resolution from the *Category View* or the *Classic View*. See the section *XP Control Panels* about both views.

From the Category View

- 1 Click *Start* > *Control Panel* > under *Pick a category*, click *Appearance and Themes* > *Change the screen resolution* > *Settings* tab > *Advanced* > *Adapter* tab > click *List of Modes*. A list of screen resolutions appears.
- 2 Select a resolution from the list > click *OK* three times. Exit *Appearance and Themes*.

From the Classic View

- 1 Click *Start* > click *Control Panel* > double-click the *Display* icon. The *Display Properties* screen appears.
- 2 Click the *Settings* tab > *Advanced* > *Adapter* tab > *List All Modes*. Select a resolution > click *OK* three times. Exit *Control Panel*.

The Screen Flickers

It is normal for the display to flicker a few times during powering up and shutting down operations.

Bios Problems

CMOS Checksum Failure Message

If a message, CMOS Checksum Failure, displays during the booting process:

- Contact ViewSonic Customer Support. See the Customer Support section in the manual.
- The life of the CMOS battery varies from between three to five years depending on usage.

Memory Problems

Increased Memory is not Recognized

If the boot up screen does not show additional memory installed:

- Certain brands of memory module may not be compatible with your system. Go to www.viewsonic.com for a list of compatible SODIMM.
- The memory module may not have been installed properly. Go back to the memory section to review the details of this operation.
- The memory module may be defective.

Insufficient Memory Error Message

If the OS issues an insufficient memory error message during operation:

- This is often a software or Windows®-related problem.
- Close any application programs you're not using. This may free up some allocated memory.
- You may need to install an additional memory module. For instructions, go to the section on upgrading memory.

Modem Problems

Connection Difficulties

- Be sure to disable Call Waiting.
- Excessive line noise might cause the connection to be dropped. To check line noise, put the regular phone handset on the line and place a phone call. If you do hear abnormal noise, try to make the modem connection with a different line or contact your local telephone company for service.
- Make sure the RJ-11 cable (the one that goes from the modem to the telephone line) is firmly connected to the modem's RJ-11 jack and to the telephone line socket.
- Try a different phone line to see if the problem persists.
- Be sure the line has a dial tone.

Network Adapter Problems

Adapter Nonresponsive

If the Ethernet Adapter does not seem to work:

- Make sure the physical connections on both ends of the cable are good.
- The hub or concentrator may not be working properly. Check to see if other workstations connected to the same hub or concentrator are working.

100 Mbps Mode Nonresponsive

If the Ethernet adapter does not appear to operate in the 100 Mbps transmission mode:

- Make sure the hub you are using supports 100 Mbps operation.
- Make sure that your RJ-45 cable meets the 100BASE-T requirements.
- Make sure the Ethernet cable is connected to the hub socket that supports 100BASE-T mode, not 10BASE-T. The hub may have both 10BASE-T and 100BASE-T sockets.

PC or Compact Flash Card Problems

PC Cards (PCMCIA) do not Function

- Make sure you have properly installed the driver for the card.
- Make sure the card is properly seated.
- Consult the card's manual or contact the vendor for troubleshooting.

PC Card not Recognized

- Remove and insert the PC Card again.
- Make sure there is no IRQ (interrupt request) conflict with the card. See Windows® on-line help for solving IRQ conflicts.
- Reboot the V1100 to see if the problem persists.
- The card may be defective. Try the card on another system, if possible.

PC Card Removal Locks Up Windows

If Windows Crashes or Freezes after removing the PC Card:

Make sure the PC Card is not in use before removing it. Click on the PC Card icon at the lower right corner of the task tray, select the card you wish to stop, then click *OK*. In a few seconds, Windows will prompt you to remove the card.

Performance Problems

Overheating

If the V1100 becomes hot:

- In a high temperature operating environment, 95 degrees Fahrenheit (35 degrees Celsius) or more, the V1100's case bottom can reach 120 degrees Fahrenheit (49 degrees Celsius).
- Make sure the air vents are not blocked.
- Certain programs that are processor-intensive may increase the V1100's temperature to the point that the V1100 automatically slows down its CPU clock to protect itself from thermal damage.

Program Slowing

If the program appears stopped or runs very slowly:

- Press the Security Key button (CTRL+ALT+DEL) then click on the *Task Manager* to see if the application is still responding.
- Restart the V1100.
- This may be normal for Windows when it is processing other CPU-intensive programs in the background.
- You may be running too many applications. Try to close some applications or increase available system memory for higher performance.
- The processor may have overheated due to the system's inability to regulate its internal heat. Make sure the V1100's ventilation grills are not blocked.

Power, Start, and Battery Problems

Power Down on Startup

The V1100 powers down as soon as it is powered on:

Battery power may be extremely low. The circuitry prevents a complete power drain, which is not intended for Lithium Ion batteries. Use the power adapter to charge it for several hours before trying again.

Diminishing Battery Life

The battery life gets shorter and shorter:

- The battery has a finite life of about 500 charge cycles. If your battery is over one or two years old, it may be time to have it replaced.
- Try a higher power saving setting in the BIOS or in Windows® Power Management.

Recharge Failure

The battery does not charge:

- Make sure the AC adapter is plugged into a working power source.
- The battery charge indicator LED on the V1100 should be lit when you plug in the AC adapter.
- Make sure the battery module is fully inserted in its bay and that the battery latch is in its locked position.
- If the battery is operating at a very high temperature, it may not accept a charge.

Printing Problems

File Print Failure

The printer does not print:

- Make sure the cable connection is secured and that the printer is powered up.
- Run the printer self-test to see if it reports any problem.
- Check to see if the printer displays any error messages. A paper jam may have occurred.
- Make sure you have installed the printer's driver.
- Try rebooting the system with the printer powered up and connected beforehand.
- Consult Windows® on-line help or your printer manual, or contact the printer vendor for assistance. Most printer problems using a parallel or serial port are software-related.

Screen Print Failure

The printer does not print what is on the screen:

- If the printer prints strange symbols, this can be the result of garbage in the printer memory buffer cache. Call off all the printer tasks then toggle off the printer power switch to clear up the memory buffer. Turn the printer back online and attempt to print again.
- Make sure you have installed the correct printer driver.

USB Problems

USB Failure

The USB device does not seem to work:

- Make sure you have installed the necessary device drivers.
- Contact the device vendor for additional support.

Appendix

Specifications

Processor	Processor	Intel® Pentium III-Mobile Ultra-Low Voltage Processor 866 MHz
Core Logic Chipset		Intel 830MG ICH3
Storage Capacity	Hard Disk Drive	20 GB storage capacity
System Memory	Memory Type	Synchronous DRAM PC133 compatible 256 MB
Operating System		Microsoft Windows® XP Tablet PC Edition
LCD	Display Panel	10.4-inch XVGA active-matrix TFT display capable of up to Millions of colors
Graphics	Multimonitor Display	Simultaneous LCD/External Monitor Display Dual Independent LCD and External Monitor Display Supported
Wireless LAN	Host Interface	Mini-PCI
	Channels	11 for USA and Canada
	Frequency Band	2.400 - 2.4835 GHz (subject to local regulations)
	Data Rates	11 Mbps 5.5 Mbps 1 Mbps
	Encryption	64-bit / 128-bit WEP Encryption
	Compliance	IEEE 802.11b, Wi-Fi compliant
Modem	Model	Intel V.90 Modem
	Transmission Speed	V.90 / K56 flex for download data speeds up to 56 Kbps V.34, V.17, V.29 protocol support
Audio		AC-97 Rev. 2.1 Compliant Integrated internal stereo speakers Integrated full duplex microphone
Ports		One mini VGA 15-pin CRT connector One stereo audio-out jack & one microphone-in jack One IEEE 1394 compliant Port Two USB connectors One standard phone jack (RJ-11) One standard network connector (RJ-45) One DC-in connector One docking connector for optional docking station
Expansion slots	Memory	One open SODIMM slot with support for SODIMM modules up to 512 MB technology
	PCMCIA	One CardBus Type II with Hot Insertion and Removal Support
	Compact Flash	One Compact Flash type II Slot

Power	Main Battery	Li-Ion 4-cell, 11.1 V 3900 mAh
	AC Adapter	100-240 VAC @ 50-60 Hz 12 VDC 4.16 A
BIOS		Phoenix Technologies ver. 4.06
Physical Specifications	Dimensions	L x W x D: 288.0 mm x 250.5 mm x 28.5 mm 11.3" x 9.9" x 1.1"
	Weight	1.5 kg 3.4 lbs
Environmental	Temperature	0° C to +40° C (Operating) -20° C to +60° C (Storage)
	Humidity	10% to 95% Non-Condensing (Operating and Storage)
	Altitude	0 to +3,000 meter (Operating) 0 to +12,000 meter (Non-Operating)
Regulations		UL, cUL/CSA, FCC/ICS, EMC/CE, BSMI, VCCI, CCC/CCIB, PSB, C-tick, CB.

Note: Product Specifications are subject to change without notice.

Button Definition

Button	Primary	Secondary
Start menu	Start menu	Go to Home Page
Journal	Journal	Volume Up
Input Panel	Keyboard	Volume Down
Rotation	Rotation	Open Mail
Security	Ctrl-Alt-Del	None
Power	Power	None
Escape	ESC	Alt+ESC
Fn	Function	None
Enter	ENTER	Alt+TAB
Up	UP Arrow	Page Up
Down	Down Arrow	Page Down
Left	Left	Shift+TAB
Right	Right	TAB

Customer Support

For technical support or product service, see the table below or contact your reseller.

NOTE: You will need the product serial number.

Country/ Region	Web site	T = Telephone F = FAX	Email
United States	viewsonic.com	T: (800) 688-6688 F: (909) 468-1202	vstech@ viewsonic.com
Canada	viewsonic.com/ support	T: (800) 688-6688 F: (909) 468-1202	service.ca@ viewsonic.com
United Kingdom	viewsoniceurope.com	T: 0800 833 648 F: 01794 500801	service.eu@ viewsoniceurope.com
Europe, Middle East, Baltic countries, and North Africa	viewsoniceurope.com	Contact your reseller	service.eu@ viewsoniceurope.com
Australia and New Zealand	viewsonic.com.au	T: +61 2 9929 3955 F: +61 2 9929 8393	service@au. viewsonic.com
Singapore/India and Southeast Asia	viewsonic.com.sg	T: 65 273 4018 F: 65 273 1566	service@sg. viewsonic.com
Other Asia/Pacific countries	viewsonic.com.tw	T: 886 2 2246 3456 F: 886 2 8242 3668	service@tw. viewsonic.com
South Africa	viewsonic.com/asia	T: 886 2 2246 3456 F: 886 2 8242 3668	service.ap@ viewsonic.com

Cleaning and Maintenance

- Make sure the V1100 is turned off.
- Never spray or pour any liquid directly onto the screen or case.
- Never immerse the V1100 in any liquid.

To clean the screen

- 1 Wipe the screen with a clean, soft, lint-free cloth. This removes dust and other particles.
- 2 If still not clean, apply a small amount of non-ammonia, non-alcohol based glass cleaner onto a clean, soft, lint-free cloth, and wipe the screen.

To clean the case

- 1 Use a soft, dry cloth.
- 2 If still not clean, apply a small amount of a non-ammonia, non-alcohol based, mild non-abrasive detergent onto a clean, soft, lint-free cloth, then wipe the surface.

DISCLAIMER

ViewSonic® does not recommend the use of any ammonia or alcohol-based cleaners on the V1100 screen or case. Some chemical cleaners have been reported to damage the screen and/or case of the V1100. ViewSonic will not be liable for damage resulting from use of any ammonia or alcohol-based cleaners.

Limited Warranty Tablet PC Products

What the warranty covers:

ViewSonic® warrants its Tablet PC products to be free from defects in material and workmanship during the warranty period. If a Tablet PC product proves to be defective in material or workmanship during the warranty period, ViewSonic will, at its sole option, repair or replace the product with a like product. Replacement product or parts may include remanufactured or refurbished parts or components. ViewSonic provides no warranty for the third party software included with the product. For specific warranty information, please see the EULAs included with the product. ViewSonic does not warrant that software will meet your requirements or that operation of software will be uninterrupted or error free. VIEWSONIC AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES AND CONDITIONS, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, AND NONINFRINGEMENT.

How long the warranty is effective*:

ViewSonic Tablet PCs are warranted for one (1) year for all parts (except software) and one (1) year for all labor from the date of the first consumer purchase.

* For Europe: This Limited Warranty is effective in Europe for two (2) years for all parts (1 year for all consumable parts like batteries, and AC power adapters, etc. which should be replaced periodically) and two (2) years for all labor from the date of the first consumer purchase.

Who the warranty protects:

This warranty is valid only for the first consumer purchaser.

What the warranty does not cover:

1. Software
2. Any product on which the serial number has been defaced, modified or removed.
3. Damage, deterioration or malfunction resulting from:
 - a. Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
 - b. Repair or attempted repair by anyone not authorized by ViewSonic.
 - c. Damage to or loss of any programs, data or removable storage media.
 - d. Software or data loss occurring during repair or replacement.
 - e. Any damage of the product due to shipment.
 - f. Removal or installation of the product.
 - g. Causes external to the product, such as electrical power fluctuations or failure.
 - h. Use of supplies or parts not meeting ViewSonic's specifications.
 - i. Normal wear and tear.
 - j. Any other cause which does not relate to a product defect.
4. Removal, installation, and set-up service charges.

How to get service:

1. For information about receiving service under warranty, contact ViewSonic Customer Support. You will need to provide your product's serial number.
2. To obtain service under warranty, you will be required to provide (a) the original dated sales slip, (b) your name, (c) your address, (d) a description of the problem, and (e) the serial number of the product.
3. Take or ship the product freight prepaid in the original container to an authorized ViewSonic service center or ViewSonic.
4. For additional information or the name of the nearest ViewSonic service center, contact ViewSonic.

Limitation of implied warranties:

THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, WHICH EXTEND BEYOND THE DESCRIPTION CONTAINED HEREIN INCLUDING THE IMPLIED WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Exclusion of damages:

VIEWSONIC'S LIABILITY IS LIMITED TO THE COST OF REPAIR OR REPLACEMENT OF THE PRODUCT. VIEWSONIC SHALL NOT BE LIABLE FOR:

1. DAMAGE TO OTHER PROPERTY CAUSED BY ANY DEFECTS IN THE PRODUCT, DAMAGES BASED UPON INCONVENIENCE, LOSS OF USE OF THE PRODUCT, LOSS OF DATA, LOSS OF TIME, LOSS OF PROFITS, LOSS OF BUSINESS OPPORTUNITY, LOSS OF GOODWILL, INTERFERENCE WITH BUSINESS RELATIONSHIPS, OR OTHER COMMERCIAL LOSS, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
2. ANY OTHER DAMAGES, WHETHER INCIDENTAL, CONSEQUENTIAL OR OTHERWISE.
3. ANY CLAIM AGAINST THE CUSTOMER BY ANY OTHER PARTY.

Effect of state law:

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Some states do not allow limitations on implied warranties and/or do not allow the exclusion of incidental or consequential damages, so the above limitations and exclusions may not apply to you.

Sales outside the U.S.A. and Canada:

For warranty information and service on ViewSonic products sold outside of the U.S.A. and Canada, contact ViewSonic or your local ViewSonic dealer.

Safety Guidelines

CAUTION: The socket-outlet should be installed near the equipment and be easily accessible.

CAUTION: Use a power cable that is properly grounded. Always use the appropriate AC cord that is certified for the individual country. Some examples are listed below:

USA..... UL
Canada..... CSA
Germany..... VDE

Switzerland SEV
Britain BASE/BS
Japan Electric Appliance Control Act

IMPORTANT NOTICE CONCERNING POWER CORD SELECTION

The power cord set for this unit has been enclosed and has been selected according to the country of destination and must be used to prevent electric shock.



For the United States and Canada

In the United States and Canada the male plug is NEMA5-15 style (shown above), UL Listed, and CSA Labeled. For units which are mounted on a desk or table, type SVT or SJT cord sets may be used. For units which sit on the floor, only SJT type cord sets may be used. The cord set must be selected according to the current rating for your unit. Please consult the table below for the selection criteria for power cords used in the United States and Canada.

Cord Type	Size of Conductors in Cord	Maximum Current Rating of Unit
SJT	18 AWG	10 Amps
	16 AWG	12 Amps
	14 AWG	12 Amps
SVT	18 AWG	10 Amps
	17 AWG	12 Amps

For European Countries

In Europe you must use a cord set which is appropriate for the receptacles in your country. The cord set is HAR-Certified, and a special mark that will appear on the outer sheath, or on the insulation of one of the inner conductors.

AC PLUG CORD PRECAUTIONS FOR THE UNITED KINGDOM

FOR YOUR SAFETY PLEASE READ THE FOLLOWING TEXT CAREFULLY.

IF THE FITTED MOULDED PLUG IS UNSUITABLE FOR THE SOCKET OUTLET THEN THE PLUG SHOULD BE CUT OFF AND DISPOSED OF SAFELY.

THERE IS A DANGER OF SEVERE ELECTRICAL SHOCK IF THE CUT OFF PLUG IS INSERTED INTO AN APPROPRIATE SOCKET.

If a new plug is to be fitted, please observe the wiring code as shown below.

If in any doubt, please consult a qualified electrician.

WARNING: THIS APPLIANCE MUST BE EARTHED.

IMPORTANT: The wires in this mains lead are coloured in accordance with the following code:

Green-and-Yellow: Earth

Blue: Neutral

Brown: Live

If the coloured wires of the mains lead of this appliance do not correspond with the coloured markings identifying the terminals in your plug, proceed as follows:

The wire which is coloured GREEN-AND-YELLOW must be connected to the terminal in the plug which is marked by the letter E or by the Earth symbol or coloured GREEN or GREEN-AND-YELLOW.

The wire which is coloured BLUE must be connected to the terminal in the plug which is marked with the letter N or coloured BLACK. The wire which is coloured BROWN must be connected to the terminal in the plug which is marked with the letter L or coloured RED.

If you have any questions concerning which proper power cord to use, please consult with the dealer from whom you have purchased the product.

Compliance and Safety Notices

Radio Frequency Interference (RFI) Compliance

United States Compliance Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or television technician for help.

This device complies with Part 15 (B), Part 15(C) and Part 68 of the FCC Rules.

Operation is subject to the following two conditions: 1) this device may not cause harmful interference and 2) this device must accept any interference received, including interference that may cause undesired operation.

Canadian Compliance Notice

This device complies with IC-RSS210 and IC-CS03 of the Canadian RF & Telecom requirements.

English - This digital apparatus does not exceed the Canada ICES-003 Class B limits for radio noise emissions from digital apparatus as set out in the radio interference regulations of the Canadian Department of Communications.

Français - Le présent appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de Canada ICES-003 Class B prescrites dans le règlement sur le brouillage radioélectrique édicté par le Ministère des Communications du Canada.

European Compliance Notice

Products with the CE Marking comply with both the EMC Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) issued by the Commission of the European Community.



Compliance with these directives implies conformity to the following European Norms:

- EN55022 (CISPR 22) Radio Frequency Interference
- EN50082 (IEC801-2, IEC801-3, IEC801-4) Electro-magnetic Immunity
- EN60950 (IEC950) Product Safety

This device complies with the requirement set out in the Council (European Parliament) Directive on the Approximation of the Laws of the Member States relating to Electromagnetic Compatibility of Radio and Telecom device (1999/5/EC).

Japanese Compliance Notice

This is a Class B product based on the standard of the Voluntary Control Council for Interference from information Technology Equipment (VCCI). If this is used near a radio or television receiver in a domestic environment, it might cause radio interference. Install and use the equipment according to the instruction manual.

This device complies with JATE (Japan Approvals Institute for Telecommunications Equipment) requirement under authority of Ministry of Telecommunications.

Safety Notices

Battery Safety Notice

- The battery pack is intended for use only with this device.
- Do not disassemble the pack.
- Do not dispose of the battery pack in fire or water.
- To avoid risk of fire, burns, or damage to your battery pack, do not allow a metal object to touch the battery contacts.
- Handle a damaged or leaking battery with extreme care. If you come in contact with the electrolyte, wash the exposed area with soap and water. If it contacts the eye, flush the eye with water for 15 minutes and seek medical attention.
- Do not charge the battery pack if the ambient temperature exceeds 113 degrees Fahrenheit (45 degrees Celsius).
- To obtain a replacement battery, contact your local dealer.
- Do not expose the battery pack to high storage temperatures (above 140 degrees Fahrenheit, 60 degrees Celsius).
- When discarding a battery pack, contact your local waste disposal provider regarding local restrictions on the disposal or recycling of batteries.

Lithium Battery Warning

This computer contains a lithium battery to power the clock and calendar circuitry.

There is a danger of explosion if the battery is replaced incorrectly. Replace only with the same or equivalent type battery as recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions or local laws.

Power Supply Safety Notice

The power supply provided with this device is for use with this device only. Replace only with the same or equivalent type power supply as recommended by the manufacturer.

ViewSonic Corporation